

10776559 10/17/06

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FILE 'HOME' ENTERED AT 09:01:06 ON 17 OCT 2006

FILE 'REGISTRY' ENTERED AT 09:01:23 ON 17 OCT 2006
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STRUCTURE FILE UPDATES: 16 OCT 2006 HIGHEST RN 910535-95-4
DICTIONARY FILE UPDATES: 16 OCT 2006 HIGHEST RN 910535-95-4

New CAS Information Use Policies. enter HELP USAGETERMS for details.

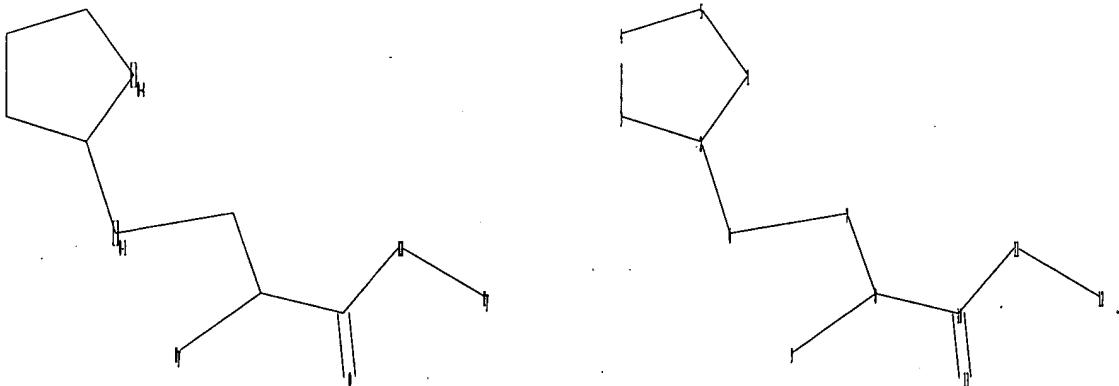
TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/reqprops.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10776559.str



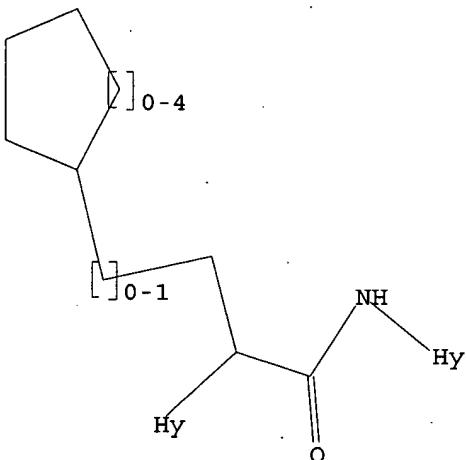
10776559 10/17/06

2-6 6-7 7-8 8-9 8-10 10-11 10-13 11-12
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
1-2 1-5 2-3 3-4 4-5 8-9 10-11 10-13 11-12
exact bonds :
2-6 6-7 7-8 8-10

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:Atom 10:CLASS
11:CLASS 12:Atom 13:CLASS

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 11
SAMPLE SEARCH INITIATED 09:01:47 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 169606 TO ITERATE

1.2% PROCESSED 2000 ITERATIONS 1 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: 3367888 TO 3416352
PROJECTED ANSWERS: 1144 TO 2248

L2 1 SEA SSS SAM L1

=> s 11 full

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FULL SEARCH INITIATED 09:01:55 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 3382686 TO ITERATE

22.4% PROCESSED 756145 ITERATIONS 320 ANSWERS

28.6% PROCESSED 968631 ITERATIONS 335 ANSWERS

29.6% PROCESSED 1000000 ITERATIONS 335 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.41

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**

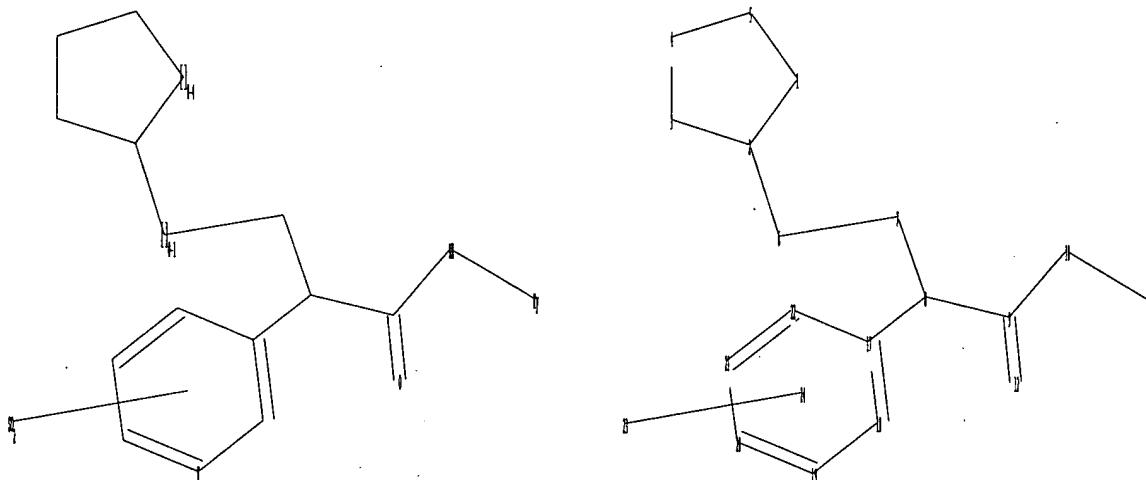
PROJECTED ITERATIONS: 3382686 TO 3382686

PROJECTED ANSWERS: 1033 TO 1233

L3 335 SEA SSS FUL L1

=>

Uploading C:\Program Files\Stnexp\Queries\107765591.str



chain nodes :

6 7 8 9 10 11 12 23

ring nodes :

1 2 3 4 5 17 18 19 20 21 22

chain bonds :

2-6 6-7 7-8 8-9 8-17 9-10 9-12 10-11

ring bonds :

1-2 1-5 2-3 3-4 4-5 17-18 17-22 18-19 19-20 20-21 21-22

exact/norm bonds :

1-2 1-5 2-3 3-4 4-5 9-10 9-12 10-11

exact bonds :

2-6 6-7 7-8 8-9 8-17

normalized bonds :

17-18 17-22 18-19 19-20 20-21 21-22

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:Atom 12:CLASS 17:CLASS 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom
23:CLASS 24:Atom

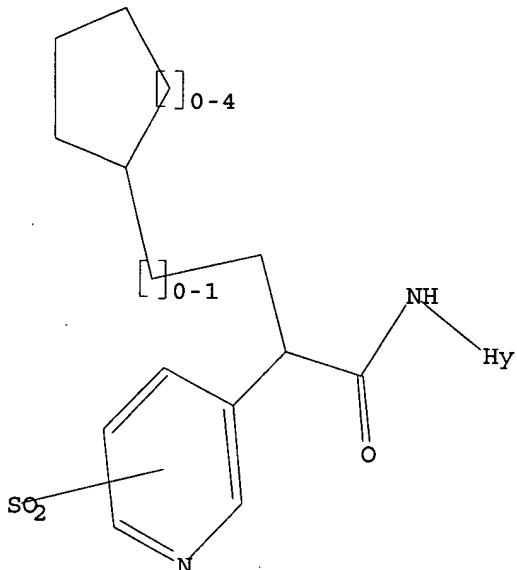
10776559 10/17/06

L4 STRUCTURE UPLOADED

=> d

L4 HAS NO ANSWERS

L4 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 14

SAMPLE SEARCH INITIATED 09:07:13 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 8 TO ITERATE

100.0% PROCESSED 8 ITERATIONS
SEARCH TIME: 00.00.01

1 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 8 TO 329
PROJECTED ANSWERS: 1 TO 80

L5 1 SEA SSS SAM L4

=> s 14 full

FULL SEARCH INITIATED 09:07:23 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 218 TO ITERATE

100.0% PROCESSED 218 ITERATIONS
SEARCH TIME: 00.00.01

22 ANSWERS

L6 22 SEA SSS FUL L4

=> file caplus

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	337.40	337.61

FILE 'CAPLUS' ENTERED AT 09:07:29 ON 17 OCT 2006
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FILE COVERS 1907 - 17 Oct 2006 VOL 145 ISS 17
FILE LAST UPDATED: 15 Oct 2006 (20061015/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

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=> s 16
L7           1 L6

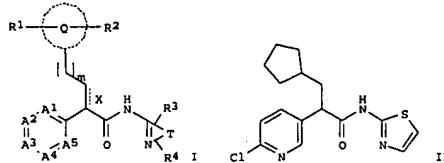
=> d ibib abs hitstr tot
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L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2004-696370 CAPLUS
 DOCUMENT NUMBER: 141:225497
 TITLE: Preparation of tri(cyclo) substituted amide
 glucokinase activator compounds
 INVENTOR(S): Pyfe, Matthew Colin Thor; Gardner, Lisa Sarah; Nawano,
 Masao; Procter, Martin James; Williams, Geoffrey; Martyn, David; Yasuda, Kosuke; Rossinson,
 Chrystelle Marie; Castelhano, Arlindo
 PATENT ASSIGNEE(S): Osi Pharmaceuticals, Inc., USA
 SOURCE: PCT Int. Appl., 77 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004072066	A1	20040826	WO 2004-US3982	20040210
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, ES, EG, ES, PI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MW, MX, MZ, NA, NI, RW, BM, CH, CM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TO				
US 2004186290	A1	20040923	US 2004-776559	20040210
EP 1594863	A1	20051116	EP 2004-709897	20040210
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRIORITY APPLN. INFO.: US 2003-446682P P 20030211				
US 2003-512826P P 20030811				
WO 2004-US3982 W 20040210				

OTHER SOURCE(S): MARPAT 141:225497
 G1

L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



AB The title compds. (I; one of A1-A5 = N, another = CR5, another = CR6, and the other two = N, CH; O = cycloalkyl, 5-6 membered heteroaryl, 4-8 membered heterocyclic); T together with N:C to which it is attached forms

a heteroaryl or heterocyclic where the N:C bond is the only site of unsatn.; R1, R2 = H, halo, OH, CN, etc.; or R1 and R2 may be taken together to represent an oxygen atom attached to the ring via a double bond; R3, R4 = H, halo, CN, NO2, etc.; R5, R6 = H, OH, halo, CN, etc.; or R5 and R6 together form a 5-6 membered carbocyclic or heterocyclic ring; m = 0-1; X indicates that the double bond has the (E)-configuration; one proviso given which are useful in the prophylactic and therapeutic treatment of hyperglycemia and diabetes, were prepared Thus, amidation of 2-(6-chloropyridin-3-yl)-3-cyclopentylpropionic acid (preparation given) with thiazol-2-ylamine afforded II. The exemplified compds. I produced EC50's ranging from 0.1 to 23.0 μ M with max PAs from 1.7 to 6.7 in in vitro assay for GK activity. The pharmaceutical composition comprising the compound I is claimed.

IT 745816-20-0
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (preparation of tricyclo substituted propionamides and acrylamides as glucokinase activators for treating hyperglycemia and diabetes)
 RN 745816-20-0 CAPLUS
 CN Acetic acid,
 [(5-(1-(cyclopentylmethyl)-2-oxo-2-(2-thiadiazol-5-yl)-ethyl)-2-pyridinyl)sulfonyl]- (9CI) (CA INDEX NAME)

L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

IT 745815-67-2P 745815-68-3P 745815-69-4P
 745815-70-7P 745815-71-8P 745815-72-9P
 745815-73-0P 745815-74-1P 745815-75-2P
 745815-76-3P 745815-77-4P 745815-78-5P
 745815-79-6P 745815-80-9P 745815-81-0P
 745815-82-1P 745815-83-2P 745815-84-3P
 745816-12-0P 745816-18-6P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of tricyclo substituted propionamides and acrylamides as glucokinase activators for treating hyperglycemia and diabetes)
 RN 745815-67-2 CAPLUS
 CN 3-Pyridineacetamide, N-(5-chloro-2-pyridinyl)- α -(cyclopentylmethyl)-6-(cyclopropylsulfonyl)- (9CI) (CA INDEX NAME)

RN 745815-68-3 CAPLUS
 CN 3-Pyridineacetamide, α -(cyclopentylmethyl)-6-(cyclopropylsulfonyl)-N-1,2,4-thiadiazol-5-yl- (9CI) (CA INDEX NAME)

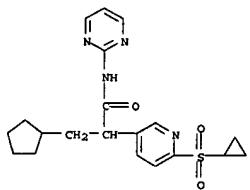
L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

RN 745815-69-4 CAPLUS
 CN 3-Pyridineacetamide, α -(cyclopentylmethyl)-6-(cyclopropylsulfonyl)-N-[5-(2-furanyl)-1,3,4-thiadiazol-2-yl]- (9CI) (CA INDEX NAME)

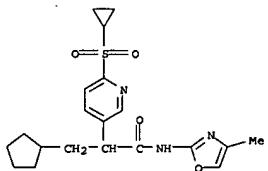
RN 745815-70-7 CAPLUS
 CN 3-Pyridineacetamide, α -(cyclopentylmethyl)-6-(cyclopropylsulfonyl)-N-1,3,4-thiadiazol-2-yl- (9CI) (CA INDEX NAME)

RN 745815-71-8 CAPLUS

L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 CN 3-Pyridineacetamide, α -(cyclopentylmethyl)-6-(cyclopropylsulfonyl)-N-2-pyridinyl- (9CI) (CA INDEX NAME)

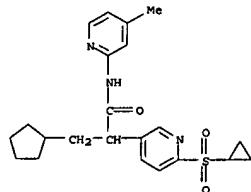


RN 745815-72-9 CAPLUS
 CN 3-Pyridineacetamide, α -(cyclopentylmethyl)-6-(cyclopropylsulfonyl)-N-(4-methyl-2-oxazolyl)- (9CI) (CA INDEX NAME)

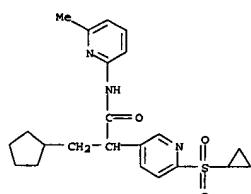


RN 745815-73-0 CAPLUS
 CN 3-Pyridineacetamide, α -(cyclopentylmethyl)-6-(cyclopropylsulfonyl)-N-(4-methyl-2-pyridinyl)- (9CI) (CA INDEX NAME)

L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

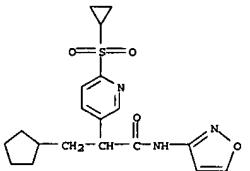


RN 745815-74-1 CAPLUS
 CN 3-Pyridineacetamide, α -(cyclopentylmethyl)-6-(cyclopropylsulfonyl)-N-(6-methyl-2-pyridinyl)- (9CI) (CA INDEX NAME)

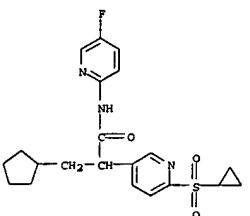


RN 745815-75-2 CAPLUS
 CN 3-Pyridineacetamide, α -(cyclopentylmethyl)-6-(cyclopropylsulfonyl)-N-(3-isoxazolyl)- (9CI) (CA INDEX NAME)

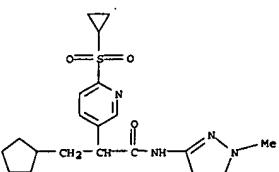
L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 745815-76-3 CAPLUS
 CN 3-Pyridineacetamide, α -(cyclopentylmethyl)-6-(cyclopropylsulfonyl)-N-(5-fluoro-2-pyridinyl)- (9CI) (CA INDEX NAME)

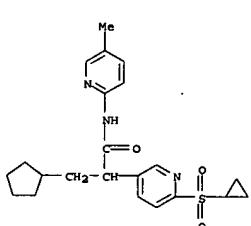


RN 745815-77-4 CAPLUS
 CN 3-Pyridineacetamide, α -(cyclopentylmethyl)-6-(cyclopropylsulfonyl)-N-(1-methyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

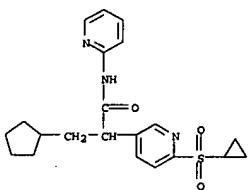


RN 745815-78-5 CAPLUS
 CN 3-Pyridineacetamide, α -(cyclopentylmethyl)-6-(cyclopropylsulfonyl)-N-(5-methyl-2-pyridinyl)- (9CI) (CA INDEX NAME)

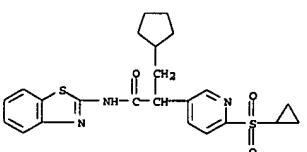
L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 745815-79-6 CAPLUS
 CN 3-Pyridineacetamide, α -(cyclopentylmethyl)-6-(cyclopropylsulfonyl)-N-(2-pyridinyl)- (9CI) (CA INDEX NAME)



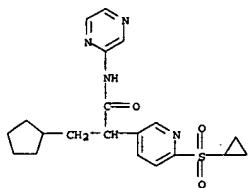
RN 745815-80-9 CAPLUS
 CN 3-Pyridineacetamide, N-(2-benzothiazolyl)- α -(cyclopentylmethyl)-6-(cyclopropylsulfonyl)- (9CI) (CA INDEX NAME)



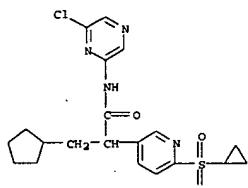
RN 745815-81-0 CAPLUS
 CN 3-Pyridineacetamide, α -(cyclopentylmethyl)-6-(cyclopropylsulfonyl)-N-(2-benzothiazolyl)- (9CI) (CA INDEX NAME)

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L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
pyrazinyl- (9CI) (CA INDEX NAME)

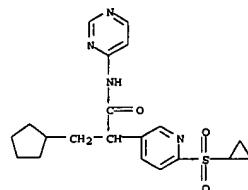


RN 745815-84-1 CAPLUS
CN 3-Pyridineacetamide, N-(6-chloropyrazinyl)-α-(cyclopentylmethyl)-6-(cyclopropylsulfonyl)- (9CI) (CA INDEX NAME)

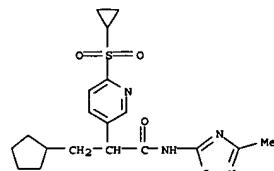


RN 745815-83-2 CAPLUS
CN 3-Pyridineacetamide, α-(cyclopentylmethyl)-6-(cyclopropylsulfonyl)-N-4-pyrimidinyl- (9CI) (CA INDEX NAME)

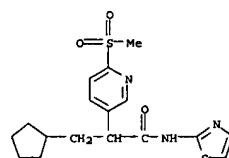
L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 745815-84-3 CAPLUS
CN 3-Pyridineacetamide, α-(cyclopentylmethyl)-6-(cyclopropylsulfonyl)-N-(3-methyl-1,2,4-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)

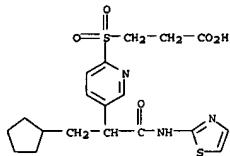


RN 745816-12-0 CAPLUS
CN 3-Pyridineacetamide, α-(cyclopentylmethyl)-6-(methylsulfonyl)-N-2-thiazolyl- (9CI) (CA INDEX NAME)



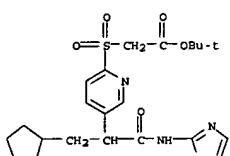
RN 745816-18-6 CAPLUS

L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
CN Propanoic acid, 3-[(5-[(1-(cyclopentylmethyl)-2-oxo-2-(2-thiazolylamino)ethyl]-2-pyridinyl)sulfonyl]- (9CI) (CA INDEX NAME)



IT 745816-70-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of tricyclo substituted propionamides and acrylamides as glucokinase activators for treating hyperglycemia and diabetes)

RN 745816-70-0 CAPLUS
CN Acetic acid, [(5-[(1-(cyclopentylmethyl)-2-oxo-2-(2-thiazolylamino)ethyl]-2-pyridinyl)sulfonyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



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=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.95	344.56

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.75	-0.75

STN INTERNATIONAL LOGOFF AT 09:09:51 ON 17 OCT 2006